

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:48:33 ; Search time 2351.15 Seconds

(without alignments)
168.399 Million cell updates/sec

Title: US-09-851-670-3

Perfect score: 24

Sequence: 1 tgcgtgctgctggatgctcggaag 24

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1472140 seqs, 8248589755 residues 586436

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 60

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
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14: gb_vl:*
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16: em_fun:*
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30: em_htgo_hum:*
31: em_htgo_inv:*
32: em_htgo_rtd:*
33: em_htg_hum:*
34: em_htg_inv:*
35: em_htg_rtd:*
36: em_htg_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
C 1	15	62.5	30	6	AR028315	AR028315 Sequence
C 2	14.4	60.0	43	6	AR127611	AR127611 Sequence
C 3	14.4	60.0	43	6	I75280	I75280 Sequence 29
C 4	14.4	60.0	51	6	AX162201	AX162201 Sequence
C 5	14.2	59.2	31	6	AR156621	AR156621 Sequence
C 6	14	58.3	20	6	AR076671	AR076671 Sequence
C 7	14	58.3	20	6	I87140	I87140 Sequence 36
C 8	14	58.3	51	6	AX165473	AX165473 Sequence
C 9	14	58.3	51	6	AX165769	AX165769 Sequence
C 10	14	58.3	60	6	AR125910	AR125910 Sequence
C 11	14	58.3	60	6	I24277	I24277 Sequence 64
C 12	13.6	56.7	20	6	AX003425	AX003425 Sequence
C 13	13.6	56.7	26	6	AX022850	AX022850 Sequence
C 14	13.6	56.7	26	6	E35607	E35607 Method for
C 15	13.6	56.7	27	6	AX057690	AX057690 Sequence
C 16	13.6	56.7	30	6	AX006879	AX006879 Sequence
C 17	13.6	56.7	42	6	A95642	A95642 Sequence 44
C 18	13.6	56.7	43	6	AR065302	AR065302 Sequence
C 19	13.6	56.7	45	6	A95643	A95643 Sequence 45
C 20	13.6	56.7	45	6	AR065303	AR065303 Sequence
C 21	13.6	56.7	51	6	AR015973	AR015973 Sequence
C 22	13.6	56.7	51	6	AR050902	AR050902 Sequence
C 23	13.6	56.7	51	6	I33402	I33402 Sequence 2
C 24	13.6	56.7	52	6	AR064675	AR064675 Sequence
C 25	13.6	56.7	52	6	AR080569	AR080569 Sequence
C 26	13.6	56.7	52	6	AR086623	AR086623 Sequence
C 27	13.6	56.7	52	6	AR086740	AR086740 Sequence
C 28	13.6	56.7	52	6	I56808	I56808 Sequence 22
C 29	13.6	56.7	53	6	AR103065	AR103065 Sequence
C 30	13.6	56.7	53	6	AR103067	AR103067 Sequence
C 31	13.6	56.7	53	6	AR151993	AR151993 Sequence
C 32	13.6	56.7	54	6	AR073761	AR073761 Sequence
C 33	13.6	56.7	54	6	AR084804	AR084804 Sequence
C 34	13.6	56.7	54	6	AR116801	AR116801 Sequence
C 35	13.6	56.7	54	6	AR119662	AR119662 Sequence
C 36	13.6	56.7	54	6	AR142415	AR142415 Sequence
C 37	13.6	56.7	54	6	AR142416	AR142416 Sequence
C 38	13.6	56.7	54	6	AR142417	AR142417 Sequence
C 39	13.6	56.7	55	6	AR012115	AR012115 Sequence
C 40	13.6	56.7	55	6	AR014554	AR014554 Sequence
C 41	13.6	56.7	56	6	AR028517	AR028517 Sequence
C 42	13.6	56.7	57	6	AR004967	AR004967 Sequence
C 43	13.6	56.7	57	6	AR035141	AR035141 Sequence
C 44	13.6	56.7	57	6	AR044092	AR044092 Sequence
C 45	13.6	56.7	57	6	AR064673	AR064673 Sequence

ALIGNMENTS

RESULT 1
LOCUS AR028315/c 30 bp DNA
DEFINITION Sequence 25 from patent US 5858662.
ACCESSION AR028315
VERSION AR028315.1 GI:5940288
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Keating,M.T. and Morris,C.A.
TITLE Diagnosis of Williams syndrome and Williams syndrome cognitive profile by analysis of the presence or absence of a LIM-kinase gene
JOURNAL Patent: US 5858662-A 25 12-JAN-1999;
FEATURES Location/Qualifiers
source 1..30 /organism="unknown"

BASE COUNT 6 a 12 c 4 g 8 t
ORIGIN

Query Match 62.5%; Score 15; DB 6; Length 30;
Best Local Similarity 78.3%; Pred. No. 2.3e+04;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 1 tggctgtctggagatgcgaag 23
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DB 28 TGCGTCTCCTGGGATGAGAAAG 6

RESULT 2
LOCUS AR127611/c 43 bp DNA PAT 16-MAY-2001
DEFINITION Sequence 29 from patent US 6180774.
ACCESSION AR127611
VERSION AR127611.1 GI:14114206
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 43)
AUTHORS Brown,S,Marie, Dean,D.Allen, Fromm,M,Ernest and Sanders,P,Rigden.
TITLE Synthetic DNA sequences having enhanced expression in monocotyledonous plants and method for preparation thereof
JOURNAL Patent: US 6180774-A 29 30-JAN-2001;
FEATURES Location/Qualifiers
source 1..43

BASE COUNT 11 a 21 c 2 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 43;
Best Local Similarity 75.0%; Pred. No. 4.2e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctggagatgcgaag 24
||||| ||||||| ||||||
DB 25 TGCGTGTATTGGAGAGCGAATG 2

RESULT 3
LOCUS I75280/c 43 bp DNA PAT 03-APR-1998
DEFINITION Sequence 29 from patent US 5689052.
ACCESSION I75280
VERSION I75280.1 GI:3011421
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 43)
AUTHORS Brown,S,Marie, Dean,D.Allen, Fromm,M,Ernest and Sanders,P,Rigden.
TITLE Synthetic DNA sequences having enhanced expression in monocotyledonous plants and method for preparation thereof
JOURNAL Patent: US 5689052-A 29 18-NOV-1997;
FEATURES Location/Qualifiers
source 1..43

BASE COUNT 11 a 21 c 2 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 43;
Best Local Similarity 75.0%; Pred. No. 4.2e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctggagatgcgaag 24
||||| ||||||| ||||||
DB 25 TGCGTGTATTGGAGAGCGAATG 2

RESULT 4
LOCUS AX162201/c 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 5529 from Patent WO0140521.
ACCESSION AX162201
VERSION AX162201.1 GI:14543532
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 51)
AUTHORS Shimkets,R,A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and methods of use thereof
JOURNAL Patent: WO 0140521-A 5529 07-JUN-2001;
FEATURES Location/Qualifiers
source 1..51

misc-feature /organism="Homo sapiens"
/db_xref="taxon:9606"
26
/note="1 of 2 allelic variants (5530 is other entry)
Accession number C944004303"

BASE COUNT 11 a 19 c 12 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 51;
Best Local Similarity 75.0%; Pred. No. 4.1e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctggagatgcgaag 24
||||| ||||||| ||||||
DB 34 TGCGAGTGTGGCGCTGCGCGTGG 11

RESULT 5
LOCUS AR156621/c 31 bp DNA PAT 08-AUG-2001
DEFINITION Sequence 12 from patent US 6242228.
ACCESSION AR156621
VERSION AR156621.1 GI:15125325
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 31)
AUTHORS Sugiyama,M., Tonouchi,N., Suzuki,S. and Yokozeki,K.
TITLE xyliol dehydrogenase of acetic acid bacteria and gene thereof
JOURNAL Patent: US 6242228-A 12 05-JUN-2001;
FEATURES Location/Qualifiers
source 1..31

BASE COUNT 6 a 12 c 7 g 6 t
ORIGIN

Query Match 59.2%; Score 14.2; DB 6; Length 31;
Best Local Similarity 84.2%; Pred. No. 5.4e+04;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5 tggctgtggatgcgaag 23
||||| ||||||| ||||||
DB 22 TGGTCCGGAGCTTGGGAAG 4

RESULT 6
LOCUS AR076671/c 20 bp DNA PAT 30-AUG-2000
DEFINITION Sequence 36 from patent US 5959096.
ACCESSION AR076671
VERSION AR076671.1 GI:10003417

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank and Dean,N.
TITLE Antisense oligonucleotides against human protein kinase C
JOURNAL Patent: US 5959096-A 36 28-SEP-1999;
FEATURES Location/Qualifiers
SOURCE 1..20
BASE COUNT 4 a 9 c 2 g 5 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctgctctggga 14
DB 19 TGGCTGCTCTGGGA 6

RESULT 7
LOCUS 187140 20 bp DNA PAT 10-JUN-1998
DEFINITION Sequence 36 from patent US 5703054.
ACCESSION 187140
VERSION 187140.1 GI:3206858
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank and Dean,N.
TITLE Oligonucleotide modulation of protein kinase C
JOURNAL Patent: US 5703054-A 36 30-DEC-1997;
FEATURES Location/Qualifiers
SOURCE 1..20
BASE COUNT 4 a 9 c 2 g 5 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctgctctggga 14
DB 19 TGGCTGCTCTGGGA 6

RESULT 8
LOCUS AX165473 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 668 from Patent W00138586.
ACCESSION AX165473
VERSION AX165473.1 GI:14546302
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0138586-A 668 31-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..51

variation
/organism="Homo sapiens"
/db_xref="taxon:9606"
26
/note="single nucleotide polymorphism
Accession number CG43942922"
BASE COUNT 10 a 24 c 8 g 9 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 51;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gctgctctgggaatgcgaag 24
DB 25 GCTGCTCTGTGGAGGTGGAAG 4

RESULT 9
LOCUS AX165769 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 964 from Patent W00138586.
ACCESSION AX165769
VERSION AX165769.1 GI:14546598
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0138586-A 964 31-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..51
variation
/organism="Homo sapiens"
/db_xref="taxon:9606"
26
/note="single nucleotide polymorphism
Accession number CG43942922"
BASE COUNT 11 a 23 c 7 g 10 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 51;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gctgctctgggaatgcgaag 24
DB 25 GCTGCTCTGTGGAGGTGGAAG 4

RESULT 10
LOCUS ARI25910 60 bp DNA PAT 16-MAY-2001
DEFINITION Sequence 252 from patent US 6177557.
ACCESSION ARI25910
VERSION ARI25910.1 GI:14111972
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 60)
AUTHORS Janjic,N., Gold,L. and Tasset,D.
TITLE High affinity ligands of basic fibroblast growth factor and
thrombin
JOURNAL Patent: US 6177557-A 252 23-JAN-2001;
FEATURES Location/Qualifiers
SOURCE 1..60
/organism="unknown"

BASE COUNT 7 a 11 c 29 g 13 t
ORIGIN

Query Match 58.3%; Score 14; DB 6; Length 60;
Best Local Similarity 77.3%; Pred. No. 6.1e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 2 ggcgtgctggaatgctggaag 23
||||| ||| ||| ||| |||
Db 6 GCCTGGTAGGAGGAGTTGGAG 27

RESULT 11

LOCUS 124277 60 bp DNA PAT 07-OCT-1996
DEFINITION Sequence 64 from patent US 5543293.
ACCESSION 124277
VERSION 124277.1 GI:1604147

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 60)
AUTHORS Gold, L. and Tasset, D.
TITLE DNA ligands of thrombin
JOURNAL Patent: US 5543293-A 64 06-AUG-1996;
FEATURES Location/Qualifiers
source 1..60

BASE COUNT 7 a 11 c 29 g 13 t
ORIGIN

Query Match 58.3%; Score 14; DB 6; Length 60;
Best Local Similarity 77.3%; Pred. No. 6.1e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 2 ggcgtgctggaatgctggaag 23
||||| ||| ||| ||| |||
Db 6 GCCTGGTAGGAGGAGTTGGAG 27

RESULT 12

LOCUS AX003425 20 bp DNA PAT 07-SEP-2000
DEFINITION Sequence 5 from Patent WO928439.
ACCESSION AX003425
VERSION AX003425.1 GI:9927229

KEYWORDS

ORGANISM

B19 virus.
B19 virus.
Viruses: ssDNA viruses; Parvoviridae; Parvovirinae; Erythrovirus.
REFERENCE 1 (bases 1 to 20)
AUTHORS Auguste, V., Garbarg-Chenon, A. and Nguyen, Q.T.
TITLE Erythrovirus and its applications
JOURNAL Patent: WO 928439-A 5 10-JUN-1999;
ASSIST PUBL HOPITAUX DE PARIS (FR); AUGUSTE VERONIQUE (FR); GARBARG
CHENON ANTOINE (FR); NGUYEN QUANG TRI (FR)

FEATURES
source 1..20
Location/Qualifiers
/organism="B19 virus"
/db_xref="taxon:10798"
BASE COUNT 3 a 1 c 10 g 6 t
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Best Local Similarity 80.0%; Pred. No. 1.1e+05;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 tggcgtgctggaatgctg 20
| | | | | | | | | | | | | |

Db 1 TTGGTGTCTGGAGTGAAGC 20

RESULT 13

LOCUS AX022850 26 bp DNA PAT 07-SEP-2000
DEFINITION Sequence 3 from Patent EP0922771.
ACCESSION AX022850
VERSION AX022850.1 GI:10046343

KEYWORDS

SOURCE

ORGANISM unidentified.
unclassified.
unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Groener, A.D. and Welner, T.D.
TITLE Method for the detection of large concentrations of a virus in
blood plasma and/or blood serum using the polymerase chain
reaction

JOURNAL Patent: EP 0922771-A 3 16-JUN-1999;
CENTEON PHARMA GMBH (DE)

FEATURES

source 1..26
Location/Qualifiers
/organism="unidentified"
/db_xref="taxon:32644"
BASE COUNT 5 a 1 c 10 g 10 t
ORIGIN

Query Match 56.7%; Score 13.6; DB 6; Length 26;
Best Local Similarity 80.0%; Pred. No. 1.1e+05;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3 ggcgtgctggaatgctggaag 22
| | | | | | | | | | | | | |
Db 2 GCGTGTCTGGAGTGAAGCTA 21

RESULT 14

LOCUS E35607 26 bp DNA PAT 07-FEB-2001
DEFINITION Method for detecting high viral concentration in plasma and/or
E35607 serum by using polymerase chain reaction.
ACCESSION E35607
VERSION E35607.1 GI:13019101
KEYWORDS JP 1999225797-A/3.
SOURCE unidentified.
ORGANISM unidentified.

REFERENCE 1 (bases 1 to 26)

AUTHORS Thomas, V.A.G.G.
TITLE Method for detecting high viral concentration in plasma and/or
JOURNAL serum by using polymerase chain reaction
PATENT: JP 1999225797-A 3 24-AUG-1999;
CENTEON PHARMA GMBH

COMMENT

PN Unidentified
PS JP 1999225797-A/3
PD 24-AUG-1999
PE 27-NOV-1998 JP 1998336431
PF 28-NOV-1997 DE 19752898:8
PG THOMAS VAHMA, ALBERECHT GROENER
PH C1201/68//C12N15/09, C12N15/00
PI Strandedness: Single;
PC Topology: Linear;
PD Key
PE Key
PF Key
PG Key
PH Key
PI Key
PJ Key
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PL Key
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PN Key
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FEATURES
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BASE COUNT 5 a 1 c 10 g 10 t
ORIGIN

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